



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090309-B

Mode: Highway

Status: Submitted

US-701 (Madison Street/Powell Boulevard)

From/Cross Street: SR 1437 (Virgil Street)

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 74/76

Project Category: Regional Impact

Length: 1

TIP#: R-5020

Fully Funded in Draft STIP? No

Cost to NCDOT: \$8,640,000

Description:

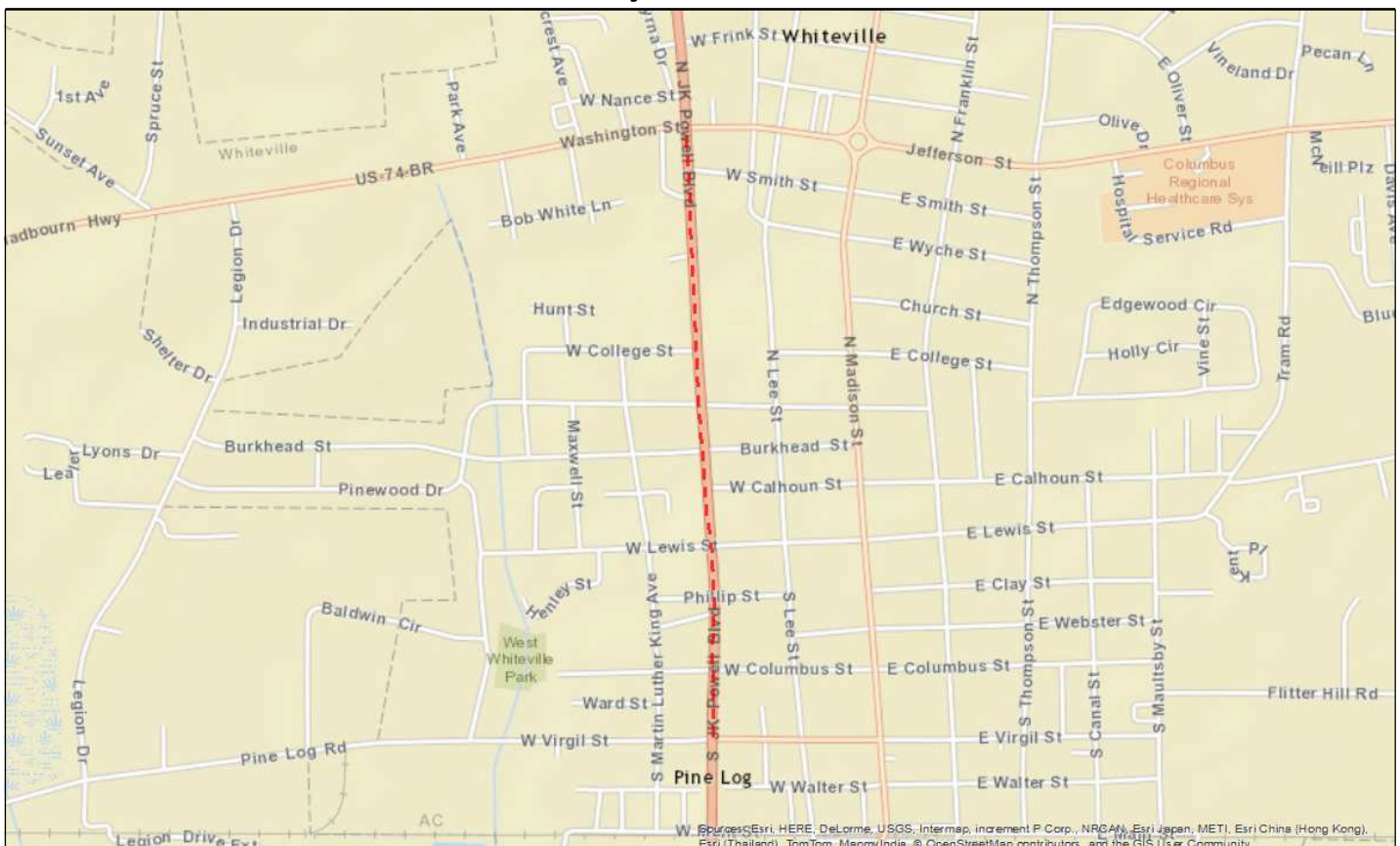
Widen to Multi-Lanes

Division(s): Division 6

County(s): COLUMBUS

MPOS(s)/RPO(s): Cape Fear RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 36.65

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 42.74	Percent: 15%	Percent: 15%
Safety (10%) 90.97	Points: 0	Points: 100
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 18.64		
Totals: Weight: 70% Weighted Score: 21.65		

Division Needs Total Score: 67.64

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 42.74	Percent: 25%	Percent: 25%
Safety (10%) 90.97	Points: 100	Points: 100
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 17.64		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	18641.37
Capacity:	31700
Volume/Capacity Ratio:	0.59
% Autos:	96%
% Trucks:	4%
Truck Volume:	796.58
Crash Density:	83.18
Crash Severity:	89.94
Critical Crash Rate:	99.8
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	16
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	65
Actual Congested Speed:	35
Travel Time Index:	1.29

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 6	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Cape Fear RPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$6,056,000	Cost Estimation Tool
Right-of-Way Cost:	\$2,307,000	Cost Estimation Tool
Utilities Cost:	\$277,000	Cost Estimation Tool
Total Project Cost:	\$8,640,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$8,640,000	